

EDITORIAL INDEX

1991

Need information on a particular product or service?
 Try using this comprehensive index to find what you need.
 This fully cross-referenced index contains
 all the products and services published between
 DECEMBER 1990 AND NOVEMBER 1991.
 By using the alphabetical listing to locate a product or service you
 require, you will be directed to the relevant issue and page number.

A

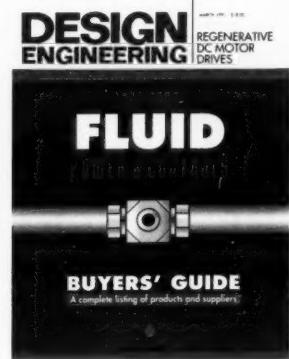
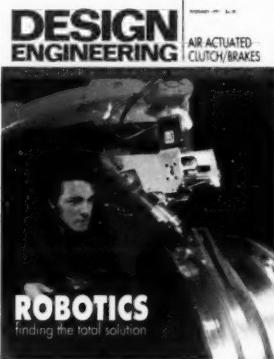
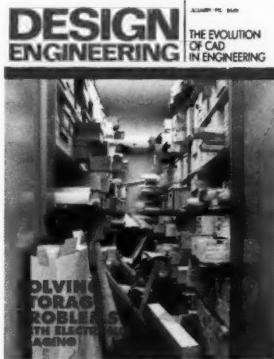
- AC/DC power supply Nov., pg 19
- Adapters - microwave communications Apr., pg 19
- Air cylinders Apr., pg 21
- Air-powered dispenser Aug., pg 18
- Acoustic analysis Feb., pg 6
- Actuators - linear May, pg 43
- Actuator - linear June, pg 20
- Actuators - misc Feb., pg 20
- Actuator - rotary Apr., pg 21
- Actuator - rotary May, pg 10
- Alignment system Aug., pg 29
- Alternative power for vehicles Oct., pg 10
- Alternator Sept., pg 26
- Amplifiers - stainless steel, air Jan., pg 15
- Analyzer - moisture Nov., pg 20
- Antenna technology May, pg 7
- Artificial intelligence - research award to BC company Sept., pg 8
- Automation controller Aug., pg 17
- Award - Candu nuclear reactor Jan., pg 5
- Awards - die casting Apr., pg 18
- Axial rotors and fans May, pg 40

B

- Back shells - to use with interface connectors Mar., pg 111
- Battery charger Apr., pg 19
- Bearings - selecting bearings for electric motors May, pg 20
- Bellow suction cups Sept., pg 23
- Blowers Sept., pg 23
- Bolts - bogus bolt suppliers Apr., pg 10
- Brackets - mounting May, pg 38
- Brakes and clutches Feb., pg 16
- Business briefs Jan., pg 15
- Business briefs Feb., pg 8

C

- CAD/CAM - Autosim - computer language for developing simulation models Jan., pg 14
- CAD/CAM - converting drawings to CAD Mar., pg 6
- CAD/CAM - computer documentation Sept., pg 10
- CAD/CAM - computers electronically pre-assemble airplanes ... June, pg 6
- CAD/CAM - Fibre optic X station Mar., pg 8
- CAD Peripherals Jan., pg 12
- CAD/CAM - HP PA-RISC-based workstation Apr., pg 7
- CAD/CAM - Integrating stress, dynamic and acoustic analysis Feb., pg 6
- CAD/CAM - laptops Mar., pg 6
- CAD/CAM - mainframe stability (Arch Legacy Series) Aug., pg 6
- CAD/CAM - monitors Apr., pg 7
- CAD/CAM - new monitor from Apple Aug., pg 6
- CAD/CAM - memory boards May, pg 8
- CAD/CAM - notebook computers Sept., pg 10
- CAD/CAM - addressing UNIX, MIPS and RISC June, pg 17
- CAD/CAM - PCs have wide application base June, pg 6



- CAD/CAM - PC monitor for statistical control June, pg 6
- CAD/CAM - ProServe 3.0 backup software for Novell LANs May, pg 8
- CAD/CAM - SUN introduces SPARC desktop computer series Dec. 1990, pg 8
- CAD/CAM - touch screen driver CAD/CAM b Software logic Mar., pg 8
- CAD/CAM - touch screen driver CAD/CAM - tracking the path to photorealism Nov., pg 9
- CAD/CAM - User interface development Feb., pg 6
- CAD/CAM - Workstations Aug., pg 10
- Cabinet coolers May, pg 39
- Calendar Mar., pg 108
- Calendar Jan., pg 5
- Calendar Feb., pg 24
- Calendar Apr., pg 7
- Calendar June, pg 19
- Calendar Sept., pg 30
- Calendar Nov., pg 7
- Canadian Fluid Power Association holds semi-annual meeting Feb., pg 8
- CANDU nuclear reactors Jan., pg 5
- Capacitor device Sept., pg 23
- Card drive Feb., pg 24
- Careers - Do you need another degree? May, pg 50
- Careers - The 1991 job market Jan., pg 18
- Careers - Survival tactics for job security Mar., pg 114
- Careers - Do you need another degree? May, pg 50
- Careers - Every job hunter should network Aug., pg 22
- Careers - Is it time to go on your own? Oct., pg 54
- Caliper disc brakes Apr., pg 21
- CFPA semi-annual meeting Feb., pg 18
- CFPA elects new president and com-

- mittee Aug., pg 5
- Cellular switch June, pg 5
- Ceramics Jan., pg 7
- Ceramics - Design Around the World June, pg 8
- Chart recorder - digital May, pg 38
- Circuit board mounting Feb., pg 24
- Caps and plugs - threaded May, pg 37
- Composites - Super conductive composites from Israel. Design around the world Feb., pg 10
- Compressors - rotary vane May, pg 42
- Computer documentation Sept., pg 10
- Computer protector June, pg 19
- Conduit caps May, pg 37
- Connectors May, pg 37
- Connectors Sept., pg 26
- Connector - telecommunications Apr., pg 20
- Connector options June, pg 20
- Controller selection for hydraulic motion control systems Feb., pg 19
- Controller - automation Aug., pg 17
- Controller - infrared Aug., pg 20
- Control valves - directional Mar., pg 108
- Controller software Apr., pg 21
- Controller, universal June, pg 20
- Coolers - cabinet May, pg 38
- Copier Sept., pg 23
- Couplings - quick connect Mar., pg 110
- Couplings - hydraulic Nov., pg 20
- Couplings - drive Apr., pg 20
- Clamps - hydraulic line clamps Jan., pg 15
- Clutches and brakes Feb., pg 18
- Cylinders - air Apr., pg 21
- Cylinders - electronic controller Jan., pg 15
- Cylinders - holding/braking Sept., pg 27
- Cylinders - pneumatic May, pg 41
- Cylinders - stainless steel body cylinders June, pg 20
- Cylinders - pneumatic and hydraulic Aug., pg 13
- Cylinders - tie rod Nov., pg 19

D

- Database - mechanical fasteners Apr., pg 11
- Decelerators - linear Aug., pg 17
- Design Around the world Dec. 1990, pg 8
- Design Around the world Feb., pg 10
- Design Around the World Mar., pg 10
- Design Around the World May, pg 10
- Design Around the World June, pg 8
- Design Around the World Aug., pg 7
- Design Around the World Sept., pg 12
- Design Around the World Oct., pg 8
- Design Around the World Nov., pg 7
- Die casting Apr., pg 14
- Die casting awards - Canadian Apr., pg 18
- Die springs Mar., pg 111
- Die springs Feb., pg 22
- Digital chart recorder May, pg 38
- Digital readout Feb., pg 24
- Digitizer Nov., pg 19
- Digitized drawings Jan., pg 6
- Disc brakes - caliper Apr., pg 21
- Disk operating system Aug., pg 6
- Dispenser - air-powered Aug., pg 18
- Dispenser - fluid Nov., pg 1
- Drawings - converting to CAD Mar., pg 6
- Drive couplings Apr., pg 20
- Drawings - digitized Jan., pg 6
- Dynamometers driveshafts Apr., pg 19

E

- EMI/RFI filter Mar., pg 111
- Elbow fittings Mar., pg 109
- Electrical insulation May, pg 38
- Electric vehicles Oct., pg 10
- Encoders Feb., pg 21
- Encoders June, pg 19
- Engine - new engine from Scania Oct., pg 8
- Engine - Hydrogen gas powered engine Dec. 1990, pg 8
- Electronic imaging - solving storage problems Dec. 1990, pg 10
- Engineering resins Sept., pg 16

Environment - disposable filter for protection against chemicals Jan., pg 5
Exhaust System May, pg 10

F

Faculty chair to study technological change established at universities Waterloo and Simon Fraser

Fasteners - panel May, pg 43

Fastening - ways of fastening hubs to shafts Apr., pg 9

Fastening and adhesives Apr., pg 10

Faston receptacle May, pg 37

Fibre optic receiver Aug., pg 16

Film - thermoplastic, high-temperature film June, pg 20

Fittings - right angle fittings for flexible cords Aug., pg 19

Fibre optic X station family Mar., pg 6

Filters - disposable cartridge filter for environmental control Jan., pg 5

Filters - filter nozzles Feb., pg 23

Flanges - hydraulic May, pg 44

Flow elements May, pg 40

Fluid dispensing components

Mar., pg 108

Fluid Power Library Mar., pg 113

Fluid Power and Controls Buyers' Guide

Mar., pg 19

with electronic imaging Dec. 1990, pg 10

L

Label applicator Feb., pg 23

Laboratory testing of cars and trucks Oct., pg 6

LabWindows Sept., pg 20

Lap top computers Mar., pg 6

Laser alignment system Aug., pg 20

Laser light source Feb., pg 22

Level switch Apr., pg 20

Limit switch Aug., pg 18

Linear actuator May, pg 43

Linear actuator June, pg 20

Linear decelerators Aug., pg 17

M

1991-1992 Mechanical Power Transmission Buyers' Guide Oct., pg 13

Magnetic reed switch June, pg 19

Mainframe stability Aug., pg 6

Metals - Dow Magnesium celebrates 75th anniversary June, pg 5

Meters - digital panel Sept., pg 24

Magnesium - Dow Magnesium celebrates 75th anniversary June, pg 5

Manifold valves Sept., pg 20

Marking pen for permanent engraving Sept., pg 28

P
PC CAD - addressing UNIX, RISC, MIPS June, pg 17

PC portable Aug., pg 1

PC serial converter Aug., pg 16

PLC technology Aug., pg 9

Panel fasteners May, pg 43

Pen plotter Aug., pg 1

Pipe/conduit caps May, pg 37

Plastics - more aggressive approach needed to boost Canadian plastics industry Sept., pg 14

Plastics - Plastics in Design Seminar June, pg 5

Plastics - thermoset family Sept., pg 14

Plotters May, pg 44

Plotters - pen Aug., pg 1

Plotters - wall-mounted Mar., pg 109

Plugs - button plugs Sept., pg 26

Plugs - plastic Nov., pg 1

Polycarbonate film Apr., pg 21

Polymers Sept., pg 16

Polyurethane hose Aug., pg 18

Positioner - positioning heavy items May, pg 38

Positioning table for precise positioning June, pg 19

Pre-swaging tool Aug., pg 16

Programmable controller Aug., pg 1

Programmable controllers Aug., pg 9

Signal relay June, pg 19

Signal generator Sept., pg 24

Sleeve locks June, pg 20

Slide rule Feb., pg 22

Software - controller Apr., pg 21

Solid fluids - Design Around the World Mar., pg 10

Speed drives Sept., pg 27

Springs - die springs Feb., pg 22

Staffing for short-term engineering assignments Aug., pg 5

Switch - limit Aug., pg 18

Switches - pressure/vacuum Sept., pg 20

Switching device technology May, pg 6

Subsea laser metrology system Aug., pg 7

Suction cups Sept., pg 23

Selection head - Design Around the World Nov., pg 7

Surface inspection process for stamping May, pg 7

Switches - level Apr., pg 20

Switches - pressure Nov., pg 19

Stress measurement - measuring stress in pre-stressed bolts. Design around the world Feb., pg 10

T

Tap - spiral fluted bottoming tap

Technical literature ... Dec. 1990, pg 20

Technical literature Jan., pg 17

Technical literature Mar., pg 112

Technical literature May, pg 46

Technical literature June, pg 21

Technical literature Aug., pg 21

Technical literature Sept., pg 29

Technical literature Nov., pg 21

Telecommunications connector Apr., pg 20

Telephone system June, pg 5

Terminal blocks Feb., pg 24

Thermistors Apr., pg 20

Thermocouple transmitter Apr., pg 21

Tooth clutch Nov., pg 1

Totalizer - programmable, electronic Mar., pg 110

Touch screen driver Sept., pg 10

Transmitters Sept., pg 28

Transmitter - thermocouple Apr., pg 21

Transmitter/receiver Aug., pg 18

Turbocompound engine Oct., pg 8

U

Universal joints May, pg 40

UST monitoring system Sept., pg 26

V

Vacuum pumps May, pg 14

Vacuum pump Aug., pg 18

Valves - air Aug., pg 19

Valves - ball valves, Design Around the World June, pg 8

Valves - check Nov., pg 1

Valves - manifold Sept., pg 23

Valves - manifold Nov., pg 14

Valves - pressure relief Aug., pg 19

Valves - rotary Oct., pg 8

Valves - hydraulic Nov., pg 13

Valves - proportional Nov., pg 14

Valves - solenoid Dec. 1990, pg 26

Valves - heat transfer platen Dec. 1990, pg 26

Video DAC Mar., pg 111

Viewpoint — surprising facts about Canadian R&D Dec. 1990, pg 4

Viewpoint - It all helps R&D ... Apr., pg 5

Viewpoint - Keeping in touch with global technologies Jan., pg 4

Viewpoint - High technology to the fore in Gulf War Feb., pg 4

Viewpoint - Lessons in marketing May, pg 4

Viewpoint - Market driven R&D Mar., pg 4

Viewpoint - Western Canada comes of best June, pg 26

Viewpoint - Toward better engineering Aug., pg 4

Viewpoint - Casting the net wide open for across the pond trading Sept., pg 4

Viewpoint - The road to recovery will bring challenges Oct., pg 4

Viewpoint - International space university could be Ontario-based Nov., pg 4

R

RF signal generator Sept., pg 24

Railway track fatigue Sept., pg 12

Rail/road transport system Nov., pg 5

Read switch June, pg 19

Receiver - fibre optic Aug., pg 18

Recorders - digital May, pg 38

Relays/counters Aug., pg 16

Relay - electronic Sept., pg 28

Relay - SIP reed relay Nov., pg 20

Relay protection - Design Around the World Mar., pg 10

Relay protection Sept., pg 27

Relay signal June, pg 19

Relay switches Apr., pg 20

Relay - telecommunication Nov., pg 19

Resistance elements Sept., pg 23

Road/rail transport system Nov., pg 5

Robotics - latest development Feb., pg 12

Rod sealing Aug., pg 1

Rotary actuator Apr., pg 21

Rotary actuator May, pg 10

Rotary valve Oct., pg 8

Rotors May, pg 40

S

Scale - bench scale Feb., pg 22

Seals - designing for hazardous environments Jan., pg 9

Seals - low-friction May, pg 44

Seals - non-CFC May, pg 41

Seals, V-seal June, pg 19

Sensors and switches - inductive and capacitive proximity switches June, pg 10

Seismograph for bedrock measurement Aug., pg 7

Servomotors Apr., pg 19

O

Oil coolers Nov., pg 20

Oil skimmer Jan., pg 15

Oil from water removal Aug., pg 7

On-line engineering Apr., pg 12

W

Water-jet research - NRC conducts research program June, pg 5

Workstations - HP PA-RISC-based workstation family Apr., pg 7

Wind tunnel - Design Around the World June, pg 8

Wipers, way Mar., pg 109

Workstations Aug., pg 10